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OIPE

RAW SEQUENCE LISTING

DATE: 10/11/2001

PATENT APPLICATION: US/09/835,370

TIME: 09:43:57

Input Set : A:\24811741.app

Output Set: N:\CRF3\10112001\I835370.raw

3 <110> APPLICANT: UHLMANN, EUGEN
4 BREIPOHL, GERHARD
5 WILL, DAVID W
7 <120> TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
8 PROCESSES FOR PREPARING THEM
10 <130> FILE REFERENCE: 02481.1742 SEQUENCE LISTING
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/835,370
C--> 13 <141> CURRENT FILING DATE: 2001-04-17 *OK*
15 <160> NUMBER OF SEQ ID NOS: 64
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
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21 <212> TYPE: DNA
22 <213> ORGANISM: Artificial Sequence ✓
24 <220> FEATURE:
25 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
26 base sequence of PNA derivatives that bind to ✓
27 viral and cellular targets
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30 gcgtttgctc ttcttcttgc g 21
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39 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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41 viral and cellular targets
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49 <212> TYPE: DNA
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64 <213> ORGANISM: Artificial Sequence ✓
66 <220> FEATURE:
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68 base sequence of PNA derivatives that bind to ✓

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69      viral and cellular targets
71 <400> SEQUENCE: 4
72 gcgggggtcc atgggggtcg                      20
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83      viral and cellular targets
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90 <211> LENGTH: 11
91 <212> TYPE: DNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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97      viral and cellular targets
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111      viral and cellular targets
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114 ttccgtcatc gtcctcagg gg                  22
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123 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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138      base sequence of PNA derivatives that bind to
139      viral and cellular targets
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153      viral and cellular targets
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167      viral and cellular targets
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170 gtgccgggggt ctccgggc                18
173 <210> SEQ ID NO: 12
174 <211> LENGTH: 17
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence ✓
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181      viral and cellular targets
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184 cgagaacatc atcgtgg                17
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188 <211> LENGTH: 21
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195      viral and cellular targets
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203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence ✓
206 <220> FEATURE:

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207 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
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209     viral and cellular targets
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216 <211> LENGTH: 20
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
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223     viral and cellular targets
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236     base sequence of PNA derivatives that bind to
237     viral and cellular targets
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246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
250     base sequence of PNA derivatives that bind to
251     viral and cellular targets
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254 gggactccgg cgcagcgc                                18
257 <210> SEQ ID NO: 18
258 <211> LENGTH: 20
259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
264     base sequence of PNA derivatives that bind to
265     viral and cellular targets
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268 ggcaaacttt cttttcctcc                                20
271 <210> SEQ ID NO: 19
272 <211> LENGTH: 19
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence

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276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
278     base sequence of PNA derivatives that bind to
279     viral and cellular targets
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282 gggaaggagg aggatgagg                                     19
285 <210> SEQ ID NO: 20
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287 <212> TYPE: DNA
288 <213> ORGANISM: Artificial Sequence
290 <220> FEATURE:
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292     base sequence of PNA derivatives that bind to
293     viral and cellular targets
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296 ggcagtcac cagcttcgga g                                     21
299 <210> SEQ ID NO: 21
300 <211> LENGTH: 18
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302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Description of Artificial Sequence: nucleotide
306     base sequence of PNA derivatives that bind to
307     viral and cellular targets
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310 tctcccagcg tgcgccat                                     18
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314 <211> LENGTH: 19
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
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320     base sequence of PNA derivatives that bind to
321     viral and cellular targets
323 <400> SEQUENCE: 22
324 ggcgtgatag acatccatg                                     19
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337 <400> SEQUENCE: 23
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341 <210> SEQ ID NO: 24
342 <211> LENGTH: 12
343 <212> TYPE: DNA

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/835,370

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Input Set : A:\24811741.app

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L:12 M:270 C: Current Application Number differs, Replaced Current Application Number

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date